

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/590,201	THOMASSET, JACQUES	
	<b>Examiner</b>	<b>Art Unit</b>	
	WALTER B. AUGHENBAUGH	1782	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Request for Reconsideration filed September 2, 2010.
2. ☒ The allowed claim(s) is/are 1-7 and 13.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date N/A.

**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| <ol style="list-style-type: none"> <li>1. <input type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application</li> <li>6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date <u>9/10/10 (2)</u> .</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____.</li> </ol> |
|---|--|

/Rena L. Dye/  
Supervisory Patent Examiner, Art Unit 1782



### **EXAMINER'S AMENDMENT**

1. Applicant's Request for Reconsideration filed September 2, 2010 has been received, considered and entered by Examiner.
2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
3. Authorization for this examiner's amendment was given in a telephone interview with Duane M. Byers on September 10, 2010.
4. The following amendments to the specification are made to correct the omission of Fig. 5 from the drawings (and the omission of any description of a Fig. 5 from the specification). Substitute drawings must be submitted to comply with 37 CFR 1.84(u)(1) ("The different views must be numbered in consecutive Arabic numerals..."). Since Fig. 5 is missing, Fig. 6-38 must be renumbered to Fig. 5-37. Since there is no description of a Fig. 5 from the specification, in the amendments below, all instances of Fig. 6-38 in the specification have been lowered by one to conform with the required renumbering of the figures (for example, all instances of Fig. 6 have been changed to Fig. 5).
5. The application has been amended as follows:

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The line numbering referred to below is based on the numbering that is printed on the pages of the specification. Note that on pages 5 and 6, the text starts at line 2, not line 1. On pages 4 and 7-19, the text begins on line 1. There are amendments on pages 4-18, and no amendments on pages 1-3 and 19.

In the specification:

Page 4, line 10, replace “6” with --5--.

Page 4, line 17, replace “7” with --6--.

Page 4, line 24, replace “8 and 9” with --7 and 8--.

Page 4, line 25, replace “8” with --7--.

Page 4, line 28, replace “10” with --9--.

Page 4, line 33, replace “11 to 15” with --10 to 14--.

Page 4, line 36, replace “11” with --10--.

Page 5, line 2, replace “12” with --11--.

Page 5, line 6, replace “13” with --12--.

Page 5, line 11, replace “14” with --13--.

Page 5, line 18, replace “15” with --14--.

Page 5, line 24, replace “16 to 18” with --15 to 17--.

Page 5, line 27, replace “16” with --15--.

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Page 5, line 31, replace “17” with --16--.

Page 5, line 34, replace “18” with --17--.

Page 5, line 37, replace “19 to 22” with --18 to 21--.

Page 6, line 2, replace “19” with --18--.

Page 6, line 7, replace “20” with --19--.

Page 6, line 11, replace “21” with --20--.

Page 6, line 18, replace “22” with --21--.

Page 6, line 21, replace “23 to 26” with --22 to 25--.

Page 6, line 27, replace “23” with --22--.

Page 6, line 30, replace “24” with --23--.

Page 6, line 34, replace “25” with --24--.

Page 6, line 37, replace “26” with --25--.

Page 7, line 1, replace “27 to 30” with --26 to 29--.

Page 7, line 4, replace “27” with --26--.

Page 7, line 7, replace “28” with --27--.

Page 7, line 11, replace “29” with --28--.

Page 7, line 14, replace “30” with --29--.

Page 7, line 18, replace “31 and 32” with --30 and 31--.

Page 7, line 23, replace “31” with --30--.

Page 7, line 27, replace “32” with --31--.

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Page 7, line 32, replace “33 to 35” with –32 to 34--.

Page 8, line 1, replace “33” with --32--.

Page 8, line 5, replace “34” with --33--.

Page 8, line 10, replace “35” with --34--.

Page 8, line 14, replace “36 to 38” with –35 to 37--.

Page 8, line 39, replace “6” with --5--.

Page 9, line 33, replace “7” with --6--.

Page 10, line 3, replace “8” with --7--.

Page 10, line 6, replace “figure 9” with –figure 8--.

Page 11, line 1, replace “14” with --13--.

Page 11, lines 3-4, replace “6, 8 and 9” with --5, 7 and 8--.

Page 12, line 4, replace “15” with --14--.

Page 12, line 10, replace “7” with --6--.

Page 12, line 14, replace “16 to 18” with –15 to 17--.

Page 12, line 15, replace “16” with --15--.

Page 12, line 22, replace “17” with --16--.

Page 12, line 29, replace “18” with --17--.

Page 13, line 9, replace “16 to 18” with –15 to 17--.

Page 13, line 30, replace “19 to 22” with –18 to 21--.

Page 13, line 30, replace “Figure 19 shows” with -- Figure 18 shows--.

Page 13, line 36, replace “20” with –19--.

Page 14, line 6, replace “21” with –20--.

Page 14, line 16, replace “22” with –21--.

Page 15, line 3, replace “23 to 26” with –22 to 25--.

Page 15, line 10, replace “23 to 26” with –22 to 25--.

Page 15, line 10, replace “Figure 23” with –Figure 22--.

Page 15, line 13, replace “24” with –23--.

Page 15, line 20, replace “25” with –24--.

Page 15, line 23, replace “26” with –25--.

Page 15, line 30, replace “9” with –8--.

Page 15, line 38, replace “27 to 30” with –26 to 29--.

Page 15, line 39, replace “27” with –26--.

Page 16, line 1, replace “23” with –22--.

Page 16, line 2, replace “16” with –15--.

Page 16, line 4, replace “27” with –26--.

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Page 16, line 5, replace “28” with –27--.

Page 16, line 16, replace “29” with –28--.

Page 16, line 17, replace “30” with –29--.

Page 16, line 34, replace “31 and 32” with –30 and 31--.

Page 16, line 34, replace “Figure 31” with –Figure 30--.

Page 16, line 38, replace “32” with –31--.

Page 17, lines 11-12, replace “33 to 35” with –32 to 34--.

Page 17, line 14, replace “33” with –32--.

Page 17, line 18, replace “34” with –33--.

Page 17, line 25, replace “35” with –34--.

Page 17, line 34, replace “36 to 38” with –35 to 37--.

Page 17, line 38, replace “36 to 38” with –35 to 37--.

Page 18, line 3, replace “36” with –35--.

Page 18, line 5, replace “38” with –37--.

Page 18, line 14, replace “36” with –35--.

Page 18, line 18, replace “38” with –37--.

Page 18, line 21, replace “37” with –36--.

There are no changes on page 19, which is the last page of the specification.



***Allowable Subject Matter***

6. Claims 1-7 and 13 are allowed.

***Reasons for Allowance***

7. The following is an examiner's statement of reasons for allowance:

In regard to independent claims 1 and 13, the prior art of record fails to teach a synthetic resin multilayer structure as claimed. As Applicant states in the Request for Reconsideration filed September 2, 2010 (page 4), the zigzag-shaped double fold of the instant invention is shown in Fig. 4 and 6 of the application, and in the corresponding sections of the specification. The prior art of record, Sadr (USPN 6,467,643) and Short (USPN 6,613,408), do not teach the zigzag-shaped double fold structure shown in Fig. 4 and 6 of the application.

***Conclusion***

8. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Walter B. Aughenbaugh whose telephone number is (571) 272-1488. The examiner can normally be reached on Monday-Thursday from 9:00am to 7:30pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rena Dye, can be reached on (571) 272-3186. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Walter B. Aughenbaugh

9/10/10

/Rena L. Dye/  
Supervisory Patent Examiner, Art Unit 1782